

Teachers (1 to 3 Years of Experience)

Difference between Mean T-Value
in Upper and Lower Quintiles

[1-3 Years of Experience vs. Statewide Reference Population of
Teachers w/ 1-3 Years Experience]

Tennessee Higher Education Study
Difference between Institution and Reference Population
in 2008 Mean T-Value of Teacher Effect
for Upper and Lower Quintiles

Subject: Math
New Teachers Defined as Having 1-3 Years of Experience

	Grades 4 & 5		Grades 6,7 & 8		All Grades	
Institution	Upper Quintile	Lower Quintile	Upper Quintile	Lower Quintile	Upper Quintile	Lower Quintile
Austin Peay State University	-0.2005	0.0629	.	0.0416	-0.2251	0.0732
Carson-Newman College	.	0.0628	.	.	.	0.1462
Christian Brothers University	-0.7374
Crichton College	.	.	.	-0.2657	.	0.0534
East Tennessee State University	-0.1264	-0.2605	.	0.0837	-0.0569	-0.1057
Lee College	0.0716	0.0545	.	.	-0.1102	0.1643
Lincoln Memorial University	.	0.1936	.	.	-0.5631	0.2819
Middle Tennessee State University	0.2084	-0.1547	.	-0.4314	0.2469	-0.2038
Tennessee State University	-0.4208	0.0553	.	.	-0.3956	0.1292
Tennessee Technological University	-0.0196	0.1268	-0.7086	0.2663	-0.2040	0.2005
Trevecca Nazarene University	.	0.0355	.	.	.	0.0954
Tusculum College	.	0.1020	.	-0.3455	-0.2713	-0.0854
University of Memphis	0.1491	0.0469	0.4165	-0.3808	0.2219	-0.0772
University of Tennessee, Chattanooga	.	0.0156	.	.	0.2558	-0.0294
University of Tennessee, Knoxville	0.3797	0.2365	.	0.5773	0.3842	0.4343
University of Tennessee, Martin	-0.3401	.	.	.	-0.3996	.

Notes

Reference population is defined as an equal weight of the 39 institutions with teachers having 1-3 years of experience.

. indicates an institution had fewer than 5 teachers.

Red cells indicate a statistically significant negative difference from the reference population.

Green cells indicate a statistically significant positive relationship from the reference population.

Tennessee Higher Education Study
Difference between Institution and Reference Population
in 2008 Mean T-Value of Teacher Effect
for Upper and Lower Quintiles

Subject: Reading/Language
New Teachers Defined as Having 1-3 Years of Experience

	Grades 4 & 5		Grades 6,7 & 8		All Grades	
Institution	Upper Quintile	Lower Quintile	Upper Quintile	Lower Quintile	Upper Quintile	Lower Quintile
Austin Peay State University	-0.1985	0.0070	-0.0714	-0.2363	-0.0863	-0.0681
Carson-Newman College	.	0.1353	.	.	0.2512	0.1501
Christian Brothers University	.	-0.0488	.	.	0.7668	-0.0563
Crichton College	.	-0.0351	.	.	.	-0.0588
David Lipscomb University	0.0896	.
East Tennessee State University	0.0103	0.1916	-0.1106	0.1242	-0.0290	0.1910
Freed-Hardeman College	-0.0562	.
Lee College	0.0035	0.1080	.	0.0152	-0.0827	0.0903
Lincoln Memorial University	.	0.1124	.	.	-0.0542	0.0713
Middle Tennessee State University	-0.1529	0.2052	-0.0199	-0.2281	-0.0844	0.0384
Tennessee State University	0.0937	-0.0106	-0.1411	-0.0513	0.0040	-0.0042
Tennessee Technological University	-0.0208	0.0203	-0.0839	-0.0279	-0.0375	0.0282
Trevecca Nazarene University	-0.1223	0.0098	.	.	-0.1356	0.0261
Tusculum College	.	.	.	-0.1856	-0.0711	0.0145
University of Memphis	-0.0066	0.0176	0.4976	0.0614	0.3039	0.0367
University of Tennessee, Chattanooga	-0.1675	.	.	.	-0.0652	-0.3362
University of Tennessee, Knoxville	-0.1125	0.2992	-0.1149	-0.0120	-0.0891	0.2049
University of Tennessee, Martin	-0.2580	0.2022	.	0.1622	-0.1753	0.2074

Tennessee Higher Education Study
Difference between Institution and Reference Population
in 2008 Mean T-Value of Teacher Effect
for Upper and Lower Quintiles

Subject: Reading/Language
New Teachers Defined as Having 1-3 Years of Experience

	Grades 4 & 5		Grades 6,7 & 8		All Grades	
Institution	Upper Quintile	Lower Quintile	Upper Quintile	Lower Quintile	Upper Quintile	Lower Quintile
Vanderbilt University	-0.3996

Notes

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Tennessee Higher Education Study
Difference between Institution and Reference Population
in 2008 Mean T-Value of Teacher Effect
for Upper and Lower Quintiles

Subject: Science
New Teachers Defined as Having 1-3 Years of Experience

	Grades 4 & 5		Grades 6,7 & 8		All Grades	
Institution	Upper Quintile	Lower Quintile	Upper Quintile	Lower Quintile	Upper Quintile	Lower Quintile
Austin Peay State University	-0.2483	-0.1566	.	-0.1886	-0.3819	-0.3109
Belmont University	1.2855	.
Crichton College	.	-0.3809	.	.	.	-0.0895
East Tennessee State University	-0.0751	0.1900	-1.0036	.	-0.2537	0.4104
Freed-Hardeman College	0.2083	.
Lee College	.	0.0863	.	.	-0.7888	0.2789
Lincoln Memorial University	.	-0.1371	.	.	.	-0.0108
Middle Tennessee State University	-0.4655	-0.1568	0.9060	-1.1809	0.3428	-0.5262
Milligan College	-0.2367
Tennessee State University	1.0575	0.4136	.	.	1.0395	0.3280
Tennessee Technological University	-0.0425	-0.0231	-0.8641	0.4553	-0.2381	0.0778
Trevecca Nazarene University	.	0.2014	.	.	.	0.3564
Tusculum College	-0.0723	0.0635	.	.	-0.4761	0.1291
University of Memphis	-0.1048	-0.1957	-0.1843	.	0.0056	-0.0228
University of Tennessee, Chattanooga	.	.	0.2194	.	1.0677	-0.4717
University of Tennessee, Knoxville	0.5527	0.0035	0.0819	.	0.5126	0.1961
University of Tennessee, Martin	-0.5348	0.1594	.	.	-0.7513	0.3043

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Tennessee Higher Education Study
Difference between Institution and Reference Population
in 2008 Mean T-Value of Teacher Effect
for Upper and Lower Quintiles

Subject: Social Studies
New Teachers Defined as Having 1-3 Years of Experience

	Grades 4 & 5		Grades 6,7 & 8		All Grades	
Institution	Upper Quintile	Lower Quintile	Upper Quintile	Lower Quintile	Upper Quintile	Lower Quintile
Austin Peay State University	0.0076	0.1878	.	.	-0.0385	0.2239
Christian Brothers University	0.3766
Cumberland University	0.2948	.	.	.	-0.0409	.
David Lipscomb University	1.4186	.
East Tennessee State University	0.4684	0.1305	-0.6108	0.1110	0.0721	0.1843
Freed-Hardeman College	-0.0228	.
Lee College	0.4079	0.3002	.	.	-0.0900	0.3320
Lincoln Memorial University	-0.3329	0.2354	.	.	-0.2265	0.0908
Middle Tennessee State University	-0.1405	0.0965	-0.1113	-0.2910	0.0346	0.0825
Tennessee State University	.	0.0558	.	.	0.4329	0.0829
Tennessee Technological University	-0.1779	0.0918	-0.5513	0.2227	-0.3347	0.2254
Trevecca Nazarene University	0.5525	-0.1793	.	.	0.0645	0.0799
Tusculum College	0.4120	-0.1916	.	.	0.0763	0.0719
University of Memphis	-0.1053	0.1695	-0.0216	-0.0071	0.0467	0.2063
University of Tennessee, Chattanooga	.	-0.3423	0.8528	0.3523	0.9925	0.0384
University of Tennessee, Knoxville	1.0496	0.1443	.	.	0.4007	0.3681

Tennessee Higher Education Study
Difference between Institution and Reference Population
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Subject: Social Studies
New Teachers Defined as Having 1-3 Years of Experience

	Grades 4 & 5		Grades 6,7 & 8		All Grades	
Institution	Upper Quintile	Lower Quintile	Upper Quintile	Lower Quintile	Upper Quintile	Lower Quintile
University of Tennessee, Martin	-0.4399	-0.3420	.	.	-0.3520	-0.1486

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